



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200  
Fax 613 632-5246

**D4008-9****Job Sheet 195083****Part No:** D4008-9**Job Qty:** 20 pcs**Part Name:** Spring**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 5/14/19**Job Tracking No:****Due Date:** 6/6/19**Created By:** Chantal Lavoie**Type:** Stock**Description:**

**Note:** DWG D4008 REV.E SHEET 9 IPP rev A 09.12.23 new Issue Prelim EC verified by: DD IPP Rev:B 10.05.03 as per ECN10-562 DD verified by:EC IPP REV:C 12.03.07 AS PER DWG REV.C DD VERF:EC

**Ship Via:****Bill of Materials****Job Routing**

| Op No | Operation                     | Qty    | Start Date | Due Date | Standard Setup Hrs | Run Hrs | Workcenter/Supplier    | Workcenter / Supplier Lead Time | Sign-off    |
|-------|-------------------------------|--------|------------|----------|--------------------|---------|------------------------|---------------------------------|-------------|
| 100   | Purchasing                    | 20 pcs | 6/6/19     | 6/6/19   | 0.00               | 0.00    | Purchasing - 1         | Purchasing - 1                  | MAY 27 2019 |
|       |                               |        |            |          |                    |         | Purchasing - 2         | Purchasing - 2                  |             |
|       |                               |        |            |          |                    |         | Purchasing - 3         | Purchasing - 3                  |             |
| 110   | Packaging 2-1 - Receive - B4B | 20 pcs | 6/6/19     | 6/6/19   | 0.00               | 0.00    | Packaging 2 - 1 - B4B  | Packaging 2 - 1 - B4B           | MAY 27 2019 |
|       |                               |        |            |          |                    |         | Packaging 2 - 2 - B4B  | Packaging 2 - 2 - B4B           |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 3 - B4B  | Packaging 2 - 3 - B4B           |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 5 - B4B  | Packaging 2 - 5 - B4B           |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 4 - B4B  | Packaging 2 - 4 - B4B           |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 6 - B4B  | Packaging 2 - 6 - B4B           |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 7 - B4B  | Packaging 2 - 7 - B4B           |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 8 - B4B  | Packaging 2 - 8 - B4B           |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 9 - B4B  | Packaging 2 - 9 - B4B           |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 10 - B4B | Packaging 2 - 10 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 11 - B4B | Packaging 2 - 11 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 12 - B4B | Packaging 2 - 12 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 13 - B4B | Packaging 2 - 13 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 14 - B4B | Packaging 2 - 14 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 15 - B4B | Packaging 2 - 15 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 16 - B4B | Packaging 2 - 16 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 17 - B4B | Packaging 2 - 17 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 18 - B4B | Packaging 2 - 18 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 19 - B4B | Packaging 2 - 19 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 20 - B4B | Packaging 2 - 20 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 21 - B4B | Packaging 2 - 21 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 22 - B4B | Packaging 2 - 22 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 23 - B4B | Packaging 2 - 23 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 24 - B4B | Packaging 2 - 24 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 25 - B4B | Packaging 2 - 25 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 26 - B4B | Packaging 2 - 26 - B4B          |             |
|       |                               |        |            |          |                    |         | Packaging 2 - 27 - B4B | Packaging 2 - 27 - B4B          |             |

ART

ROSPACE

r No: S184257



08 - 9

95083

Batch: S184257

Dart Aerospace Ltd.

1270 Aberdeen Street

Hawkesbury, ON K64 1K7

CANADA

TEL.: 1 613 632-5200

Email: sales@artaero.com

www.dartaerospace.com

Varinus STC's

Date: 05/27/19



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
CANADA  
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Email: sales@dartaero.com  
www.dartaerospace.com

**Container No:** S184257**Part:** D4008-9**Job No:** 195083**Serial No/Batch:** S184257**Revision:** E**Inspector:****Exp Date:****Instructions:** Various STC's

Date: 05/27/19

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|     |                             |        |        |                        |                        |
|-----|-----------------------------|--------|--------|------------------------|------------------------|
|     |                             |        |        | Packaging 2 - 28 - B4B |                        |
|     |                             |        |        | Packaging 2 - 29 - B4B |                        |
|     |                             |        |        | Packaging 2 - 30 - B4B |                        |
|     |                             |        |        | Packaging 2 - 31 - B4B |                        |
|     |                             |        |        | Packaging 2 - 32 - B4B |                        |
|     |                             |        |        | Packaging 2 - 33 - B4B |                        |
|     |                             |        |        | Packaging 2 - 34 - B4B |                        |
|     |                             |        |        | Packaging 2 - 35 - B4B |                        |
|     |                             |        |        | Packaging 2 - 36 - B4B |                        |
| 120 | QC 6                        | 20 pcs | 6/6/19 | 0.00 0.00              | QC 6 - 9               |
|     |                             |        |        |                        | QC 6 - 68              |
|     |                             |        |        |                        | QC 6 - 61              |
|     |                             |        |        |                        | QC 6 - 40              |
| 130 | Packaging 3-1 - Stock - B4B | 20 pcs | 6/6/19 | 0.00 0.00              | Packaging 3 - 1 - B4B  |
|     |                             |        |        |                        | Packaging 3 - 2 - B4B  |
|     |                             |        |        |                        | Packaging 3 - 3 - B4B  |
|     |                             |        |        |                        | Packaging 3 - 4 - B4B  |
|     |                             |        |        |                        | Packaging 3 - 5 - B4B  |
|     |                             |        |        |                        | Packaging 3 - 6 - B4B  |
|     |                             |        |        |                        | Packaging 3 - 7 - B4B  |
|     |                             |        |        |                        | Packaging 3 - 8 - B4B  |
|     |                             |        |        |                        | Packaging 3 - 9 - B4B  |
|     |                             |        |        |                        | Packaging 3 - 10 - B4B |
|     |                             |        |        |                        | Packaging 3 - 11 - B4B |
|     |                             |        |        |                        | Packaging 3 - 12 - B4B |
|     |                             |        |        |                        | Packaging 3 - 13 - B4B |
|     |                             |        |        |                        | Packaging 3 - 14 - B4B |
|     |                             |        |        |                        | Packaging 3 - 15 - B4B |
|     |                             |        |        |                        | Packaging 3 - 16 - B4B |
|     |                             |        |        |                        | Packaging 3 - 17 - B4B |
|     |                             |        |        |                        | Packaging 3 - 18 - B4B |
|     |                             |        |        |                        | Packaging 3 - 19 - B4B |
|     |                             |        |        |                        | Packaging 3 - 20 - B4B |
|     |                             |        |        |                        | Packaging 3 - 21 - B4B |
|     |                             |        |        |                        | Packaging 3 - 22 - B4B |
|     |                             |        |        |                        | Packaging 3 - 23 - B4B |
|     |                             |        |        |                        | Packaging 3 - 24 - B4B |
|     |                             |        |        |                        | Packaging 3 - 25 - B4B |
|     |                             |        |        |                        | Packaging 3 - 26 - B4B |
|     |                             |        |        |                        | Packaging 3 - 27 - B4B |
|     |                             |        |        |                        | Packaging 3 - 28 - B4B |
|     |                             |        |        |                        | Packaging 3 - 29 - B4B |
|     |                             |        |        |                        | Packaging 3 - 30 - B4B |
|     |                             |        |        |                        | Packaging 3 - 31 - B4B |
|     |                             |        |        |                        | Packaging 3 - 32 - B4B |
|     |                             |        |        |                        | Packaging 3 - 33 - B4B |
|     |                             |        |        |                        | Packaging 3 - 34 - B4B |
|     |                             |        |        |                        | Packaging 3 - 35 - B4B |
|     |                             |        |        |                        | Packaging 3 - 36 - B4B |
| 140 | QC 21 - SA                  | 20 pcs | 6/6/19 | 0.00 0.00              | QC 21 - SA - 21        |
|     |                             |        |        |                        | QC 21 - SA - 70        |
|     |                             |        |        |                        | QC 21 - SA - 53        |

DAS  
61  
9-89DAS  
28  
9-89

MAY 28 2019

Part Op 100 - ISSUE P/O: PO#B043453 MANUFACTURE D4008-9 SPRING AS PER DWG C OF C IS REQUIRED  
 Descriptions: 110 - Receive & Inspect for Damage & Mat'l Certs  
 120 - QC6- All purchased or subcontracted products  
 130 - Identify as per dwg & Stock Location: \_\_\_\_\_  
 140 - QC21- Final Inspection - Work Order Release

| Job BOM                            |                |           |                |           |
|------------------------------------|----------------|-----------|----------------|-----------|
| Part / Item                        | Component Name | Quantity  | Operation      | Container |
| D4008-9P                           | Spring         | 20 (1 ea) | 100-Purchasing | 5184254   |
| Job Allocations                    |                |           |                |           |
| Operation                          | Component Part | Required  | Inventory      | Allocated |
| 100-Purchasing                     | D4008-9P       | 20        | 0              | 0         |
| Part Specifications                |                |           |                |           |
| Specifications could not be found. |                |           |                |           |

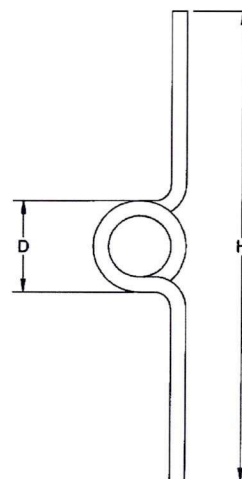
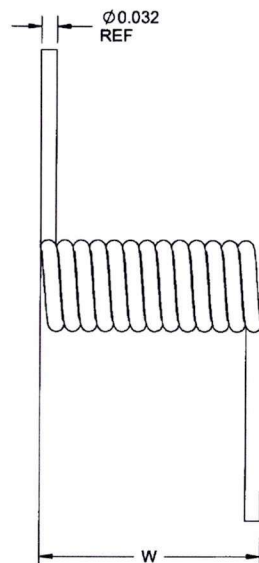
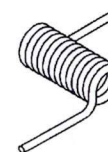
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DART AEROSPACE  
PART NUMBER  
D4008-9

JOHN CAMERON AVIATION  
PART NUMBER  
REF JCA-M47-2-26

## SPECIFICATION CONTROL DRAWING



| DART P/N | SUPPLIER        | SUPPLIER P/N    | WIDTH<br>"W" | HEIGHT<br>"H" | DIAMETER<br>"D" | MATERIAL                    |
|----------|-----------------|-----------------|--------------|---------------|-----------------|-----------------------------|
| D4008-9  | VICTORY SPRING  | N/A             | 0.46         | 0.99          | 0.19            | STAINLESS STEEL SPRING WIRE |
| D4008-9  | BELL HELICOPTER | 206-031-140-001 | 0.46         | 0.99          | 0.19            | STAINLESS STEEL SPRING WIRE |

### D4008-X SPRING

RELEASED

2015 JAN 15

#### NOTES:

- 1) MATERIAL: T301 OR 304 STAINLESS STEEL SPRING WIRE  $\phi 0.032$  PER ASTM A313
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: LESS THAN 0.01 lbs

APPROVED

|            |          |                                                                                                                                                                                                                                                                                |               |
|------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|
| DESIGN     | ML       | <b>DART AEROSPACE LTD</b><br>HAWKESBURY, ONTARIO, CANADA                                                                                                                                                                                                                       |               |
| DRAWN      | AP       |                                                                                                                                                                                                                                                                                |               |
| CHECKED    | DB       | DRAWING NO.                                                                                                                                                                                                                                                                    | REV. E        |
| MFG. APPR. | JLM      | <b>D4008</b>                                                                                                                                                                                                                                                                   | SHEET 9 OF 10 |
| APPROVED   | MP       | TITLE                                                                                                                                                                                                                                                                          | SCALE         |
| DE APPR.   | DS       | <b>SPLASH GUARD</b>                                                                                                                                                                                                                                                            | NTS           |
| DATE       | 14.12.05 | COPYRIGHT © 2010 BY DART AEROSPACE LTD<br>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS<br>NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT<br>WRITTEN PERMISSION FROM DART AEROSPACE LTD. |               |



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# PURCHASE ORDER

## POHB043453



**Supplier:** VIC002-VC  
Victory Spring Ltd.  
3810 - 51 Ave.  
Edmonton  
AB  
T6B 3T5 Canada  
Phone: 780 442 4020  
Fax: 780 466 8000

**PO No:** POHB043453  
**PO Date:** 5/14/19  
**Due Date:** 5/24/19  
**Purchase Order Revision:**  
**Revision Date:**

**Ship-To Contact:** Phone:

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:**

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**E-MAILED**  
2019-05-14

### Items

| Line Item        | Job    | Part     | Supplier Part No | Description | Status | Account | Due Date | Order Quantity | Received Quantity | Balance | Unit Price (CAD) | Extended Price        |
|------------------|--------|----------|------------------|-------------|--------|---------|----------|----------------|-------------------|---------|------------------|-----------------------|
| 1                | 195083 | D4008-9P |                  | Spring      | Firmed | -       | 5/24/19  | 20 Ea          | 0 Ea              | 20 Ea   | \$8.10/Ea        | \$162.00              |
| 20 X MAY 27 2019 |        |          |                  |             |        |         |          |                |                   |         | 61               | Grand Total: \$162.00 |

### Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

#### Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

*Handwritten signature and initials*

Plex 5/14/19 9:24 AM Dart.Guerin.Kimberley



3810 - 51 Ave  
Edmonton, AB T6B 3T5  
t + 780 442 4020  
e + accounts@victoryspring.ca

## PACKING SLIP

Packing Slip: 44039  
Date: May 24, 2019  
Order Ref: POHB043453 ✓

**Sold to:**

Dart Aerospace Ltd  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7

**Ship to:**

Dart Aerospace Ltd  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7

Shipped By: Puro PP & CHG

| Shipped Quantity                                            | Backorder Quantity | Unit | Item No. | Description                              | Price |
|-------------------------------------------------------------|--------------------|------|----------|------------------------------------------|-------|
| 20 ✓                                                        |                    | EACH | -        | D4008-9P Spring<br><br>DAS<br>61<br>9-89 | 8.10  |
| <div>RECEIVED<br/>MAY 27 2019<br/>DART AEROSPACE LTD.</div> |                    |      |          |                                          |       |
| Comment:                                                    |                    |      |          |                                          |       |



## CERTIFICATE OF CONFORMANCE

|                             |                   |
|-----------------------------|-------------------|
| REPORT FOR : Dart Aerospace | DATE: 5/24/2019   |
| PART/DRAWING #: D4008-9P ✓  | PO # POHB043453 ✓ |
| DESCR: Torsion Spring       | QUANTITY: 20 ✓    |

VICTORY SPRING CERTIFIES BY THIS DOCUMENT THAT ALL OPERATIONS ARE DONE ACCORDING TO  
DRAWINGS AND SPECIFICATIONS

| CHARACTERISTIC | SPECIFIED | MEASURED      | NOTES |
|----------------|-----------|---------------|-------|
| Material type  | SS 302    | SS302         |       |
| Material size  | 0.035"    | 0.035         |       |
| Coil I.D.      |           | 0.125         |       |
| Coil O.D. "D"  | 0.19"     | 0.194         |       |
| Width "W"      | 0.46"     | 0.455         |       |
| Height "H"     | 0.99"     | 0.975 - 0.992 |       |
|                |           |               |       |
|                |           |               |       |
|                |           |               |       |

Heat # **KNAX01122**

Inspected by: Jeremy Burrowes - QA

Jeremy Burrowes



Wire & Steel Company  
of Canada, Ltd.

250 CHRYSLER DRIVE, UNIT #1, BRAMPTON, ONTARIO L6S 6B6  
TEL: (905) 791-6811 / 1-800-387-2441 - FAX: (905) 791-9588  
SLITTING, OSCILLATING, EDGING AND CUSTOM PROCESSING  
INDUSTRY'S CHOICE FOR QUALITY

Customer PO#: 19808

Page: 1 Of 2

Date Ordered: 07-Dec-2018

Sales Rep: Jonathan

Customer #: 20612

Description: T302 Soap Coat Stainless Wire Spring .0320

Size: .032" x Continuous Coil

Edge:

Qty Ordered: 25.00

Specification: ASTM A 313-17

Gibbs Product Code: 811-18-0320-01

Size Tolerance:

Customer Part #:

### Material Certification

Qty Shipped: 26.00

# Coils: 1

Heat #: KNAX01122

C: 0690

Mn: 1.0400

P: 0290

S: 0010

Si: 3400

Cu: 2500

Ni: 8.000

Cr: 18.030

Mo: 1020

V:

Sn:

Ti:

Al:

Be:

N: 0730

Tensile: 291,200 / 297,000

Yield: N.A. / N.A.

Elong.: N.A. / N.A.

Hardness: N.A. / N.A.

Grain: N.A. / N.A.

Cond. Ch900: N.A. / N.A.

Comments:

Melt & MFG - USA

DFARS & ROHS Compliant

Mercury Free

Koswire

*Paul Scott*

Quality Department

Based on our Supplier's analysis  
Q405, Rev. No. 001/07 BR 03/06/07

The order will be billed at the price prevailing at the time of shipment

Packing List #: 133336

Sch'd to Ship: Dec 13 2018

Ship To: Victory Spring Company  
3810 51Ave  
Edmonton

Alberta, T6B3T5

Ship Via: Apex

F.O.B.: Brampton

Terms: Collect

Sold To: Victory Spring Company  
3810 51Ave  
Edmonton, Alberta  
T6B3T5

Quantity Shipped (lbs): 26.00

Gross Weight (lbs): 0.00

Packaging Description: 132385

Shipper: Gibbs Wire & Steel

Per: \_\_\_\_\_

Date: \_\_\_\_\_

Agent: \_\_\_\_\_

Per: \_\_\_\_\_

Date: \_\_\_\_\_

All claims for shortages must be made with 10 days.  
Goods may NOT be returned without a  
Gibbs authorization number.